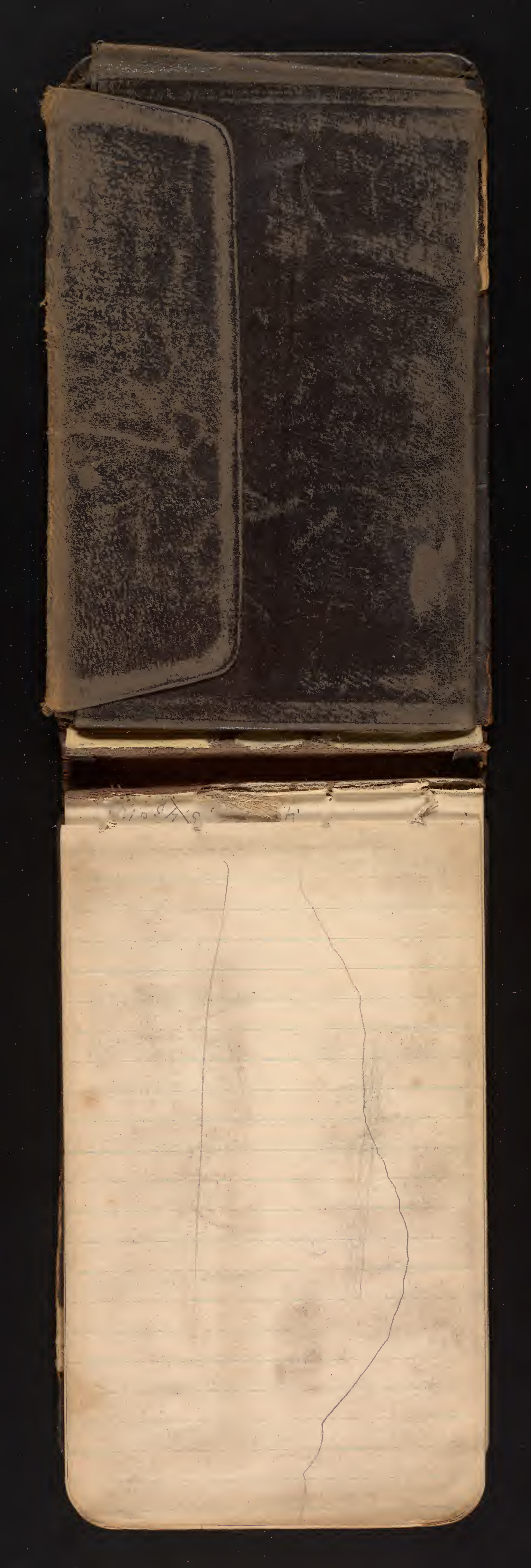
1907

Florence, Neb.



Mar 24-1907

Oct. 31 '37

Just returned from
Pine Ridge
South Dak.

Cream

Dying

Dr. Paint

Cream

The beds in yellow & pebbles is laid in ascending thickness and have 2 or 3 ft thick which is evidently landwash.

The beds in orange are entirely fine sediments. The bank is a steep bluff in the 40 ft above road, which is about 15 ft. above bottom.

Photo 27 — Is the mouth of some bluff shown extending obliquely.

This is only 20–30 ft high.

Photo 28 — Looking up bluff to ½ mile W. of Pony Lake.

Shows alternate & soft stuff on gulch. Vertical layers.

The ground is very hilly as high as shown below. The rock is much changing in place.

We cut a little over 12 ft. & a little E. of road bound, according to Dr. Barbour, two where bones might have. The last after bones were found at about 8 ft. from surface & from bones, a rotten hollow

Some fine white & blue are here indeed all through.
I made them realize for Friedl (& this is about 8 m. & a ft. down the hole) a mound built.
For about 8 ft the material is crumbly, loose, rather dark (quite so for first 3 ft, then lighter) with many roots (as if it had been land surface)
Took sample at 3 ft at 6 ft. & at 8 ft

Below this is a light yellow loess with blue streaks & spots & reddish slight cloudy & fine & more loess like than above of 8 ft. The streaks are mostly vertical (along roots) or horizontal & shaped say this below 8 ft is real loess.
Fragments of Olyzyma & Unio have been found early on reaching 6 ft
The transition from white to loess or rather buff is 2 or 3 in.
The loess proper has blue streaks, rather loose. Cast of roots in white in dark crumbly

[illegible]

March 25 - 1907

5 & 6 - Looking up mine
Finland Bluff.
Hill Harvent to night
in Long Hill.
5 miles
6 time.

Reading off posts of
Long Hill, round at
Brinkey's house = 100 ft

At long not exists
up the hill 9 mins
from 10 ft at 140 ft from
to [illegible] Cap -
and 140 ft from
the cut is about 10 ft
on 9 under 9 in
all a somewhat affair
where laying the material
at 6 ft in first.

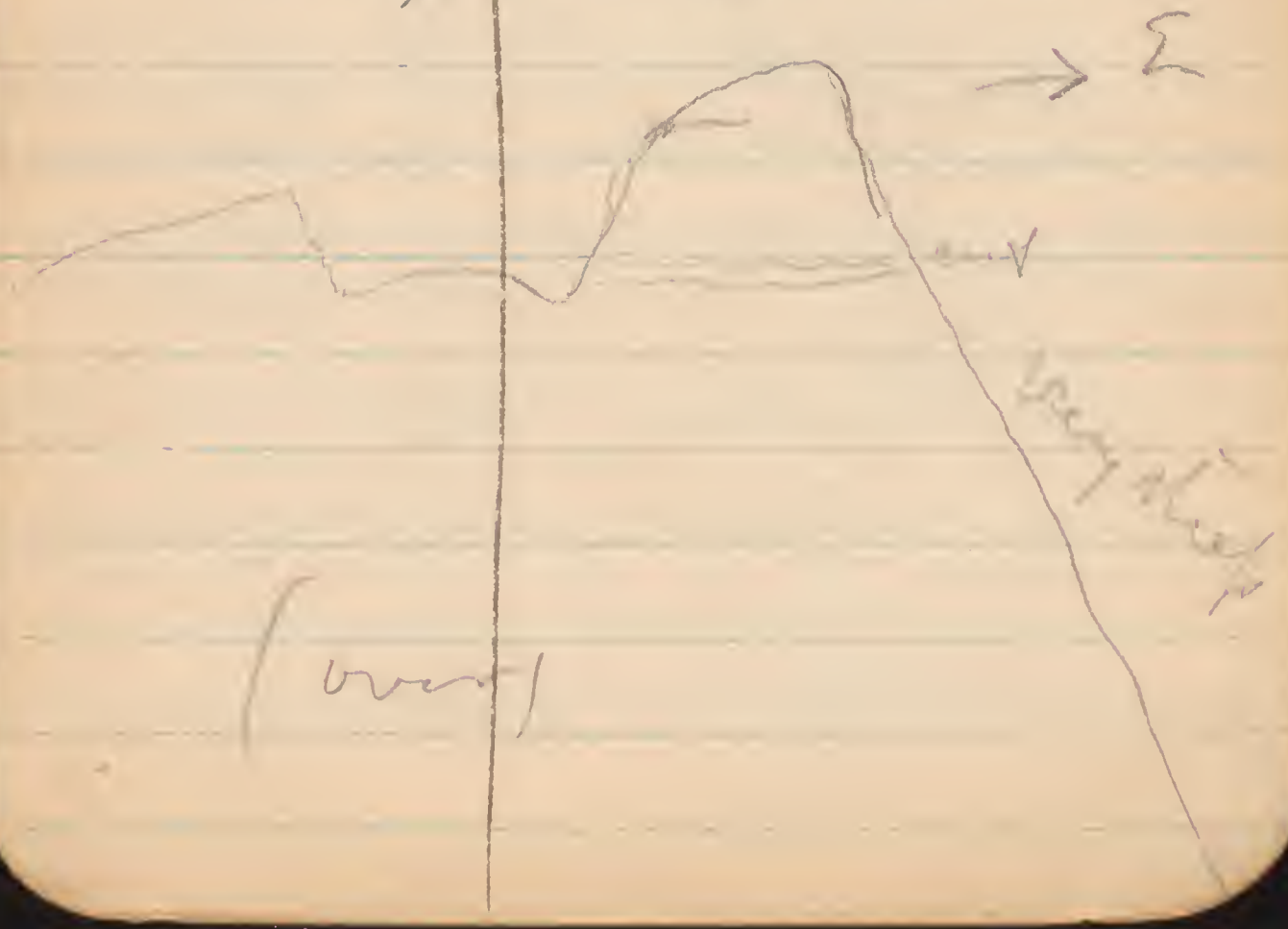
Here we have some small nodules & there are some parts that seem to many by the hand 2 or 3 ft. in diameter & there have been other but more of the kind from below 8 ft. below were found on this. See sample taken at about 5 ft. from bottom marked "149 A" Long side.

The small nodules occur chiefly in the upper 5 or 6 ft.

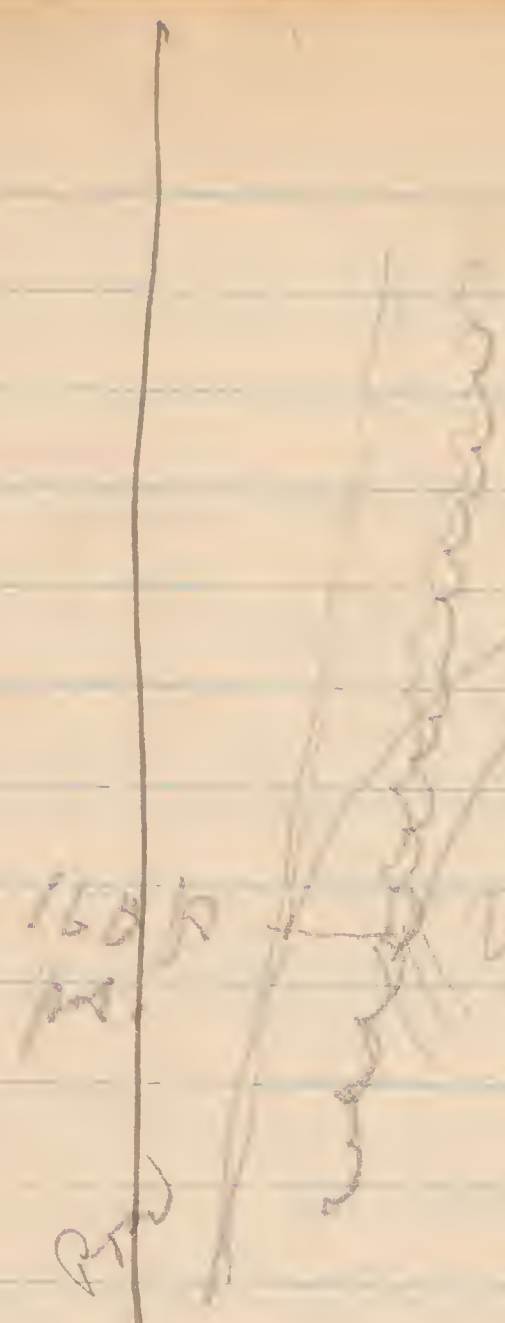
at 160 ft. The land is about 7-8 ft high. Upper 5 or 6 ft is the darker brown stuff. & below is lighter with yellow body, blue streaks & more compact structure. Both contain 2 ft. below base.

No fossils.

At 160 ft. flowing there is a cut across bank E through angle.



(over)



On the last steep
slope there are trees
& material like
bus. this is more or
less shattered & rotten
rotten — and the material

is constantly slipping
the little and seems
to be left with not &
as a pitch.

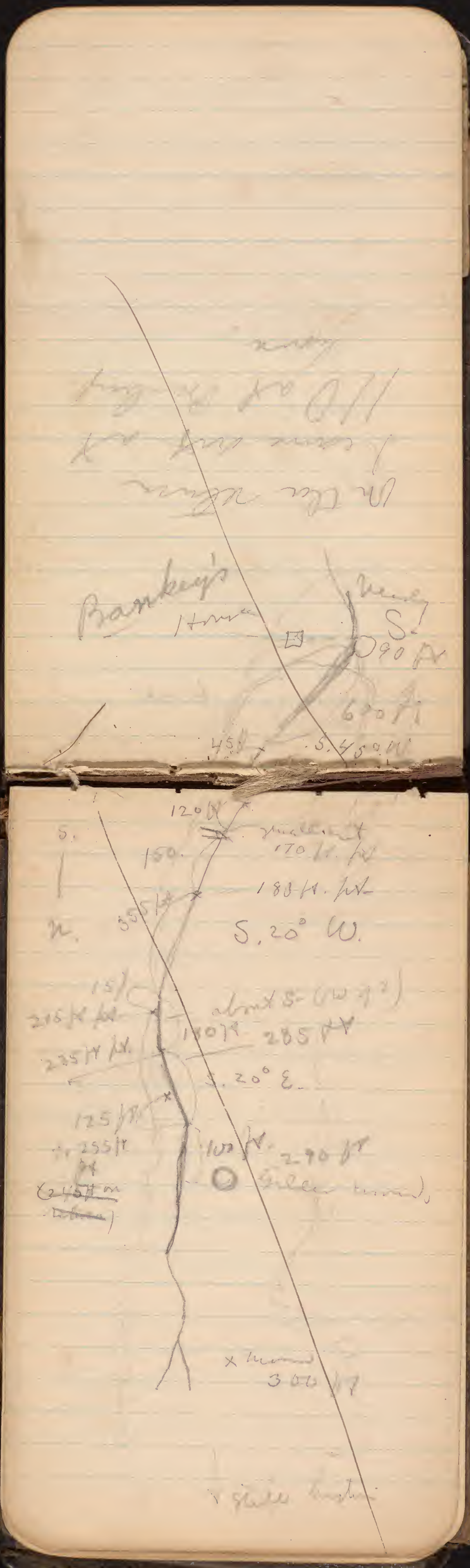
At 170. blue brown
phenolism with sum
V. blue streaks in
very distinct.
A few shells, often
here in surface of
bank, but may be recent
as shells are in tufa
Took sample at 5 ft
above base where
bank begins to turn, &
crumble at base.
(Cut here about 8-10 ft
the bank rel slow
in slides a little)

In this lower seal
here at 174 ft there
are fewer large round
nodules.
At 215 ft. the cut
is 6-7 ft deep &
the layer 3 to 3½ ft
is real loess -
(needed to dig) more
compact, blue stuff,
red lines & spots
nodules are fewer
upward & there
is much white
lime efflorescence
on surface of banks
on both sides usually
in lower, real loess.)

The cut runs out at
about the 230 ft.
point, & a second
section runs near
this (about 50 ft) at
the 235 ft. point.
At 255 ft. ft.
cut is about 9 ft
5 ft. This is through
loess shelf - no
nodules; - & at
about this level a
a little lower, very
few & small, always
near or in surface -
are they from?
Found some big eggs
but these or surface
are small & hence
I might not strike
them even if in situ

The mean, marked
as it is now, shows
that it is a slight
depression above great
marsh.
A bar parallel 8 in in
7 thickness, and
an edge of gravel in
a bar low 8 in
a inches x 10 in
A bar parallel 1 ft.
The ridge to the N. is
considerably higher &
there are higher hills
S. E. & W.

Rd. 13 Lorbin a
trifle w. of 2!
The best find here
under past years &
under paper field.
May lose in 3 extreme
nights.
17 & 18 Golden
Zeling 5.


Bankey's
Home
S.
90 ft
60 ft
45 ft
5.5 miles
120 ft
150.
170 ft.
180 ft.
355 ft
N.
S. 20° W.
215 ft
225 ft
285 ft
S. 20° E.
125 ft
255 ft
100 ft
290 ft
300 ft

very handy. Run
a line of end 1560 ft
~~[illegible]~~
N. of little brook
parallel of Florence.

Bears 45 for
[illegible] 15 for

[illegible] miles
5 ft.

N. westward then
[illegible] N. of
Florence

VACLAV BURESH.

DEPUTY COLLECTOR INT. REV. OMAHA, NEB.